**ĐÁP ÁN THI HỌC KÌ I – KHỐI 12 – MÔN : VẬT LÍ**

**MÃ ĐỀ 731**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **A** | x |  |  |  |  | x |  | x |  |  |  |  | x |  | x |  | x |  |  |  |
| **B** |  | x |  |  | x |  |  |  | x |  | x |  |  |  |  | x |  |  |  |  |
| **C** |  |  |  |  |  |  | x |  |  |  |  | x |  | x |  |  |  |  | x |  |
| **D** |  |  | x | x |  |  |  |  |  | x |  |  |  |  |  |  |  | x |  | x |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  | x |  | x |  |  |  |  |  |  |  |  |  | x |  | x |  |  |  |  |
| **B** | x |  |  |  |  |  |  | x |  |  | x |  |  |  |  |  |  |  |  |  |
| **C** |  |  |  |  | x |  | x |  | x | x |  | x |  |  |  |  |  | x |  | x |
| **D** |  |  | x |  |  | x |  |  |  |  |  |  | x |  | x |  | x |  | x |  |

**ĐÁP ÁN - MÃ ĐỀ 742**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **A** |  |  |  |  |  |  |  |  |  |  |  | x |  |  |  | x |  | x |  | x |
| **B** |  | x |  | x | x |  |  |  |  |  |  |  | x |  |  |  |  |  | x |  |
| **C** | x |  | x |  |  |  | x | x |  | x |  |  |  |  |  |  |  |  |  |  |
| **D** |  |  |  |  |  | x |  |  | x |  | x |  |  | x | x |  | x |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  |
| **B** |  | x |  |  |  | x |  |  | x |  |  |  |  |  | x |  |  |  |  |  |
| **C** |  |  | x |  |  |  | x |  |  |  | x |  | x |  |  |  | x |  |  | x |
| **D** | x |  |  |  | x |  |  | x |  | x |  | x |  | x |  | x |  |  | x |  |

**ĐÁP ÁN - MÃ ĐỀ 753**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **A** |  |  | x |  | x |  |  | x |  |  | x |  |  | x |  | x |  |  |  |  |
| **B** | x |  |  | x |  |  | x |  |  |  |  |  |  |  |  |  | x |  |  |  |
| **C** |  | x |  |  |  |  |  |  |  | x |  |  | x |  | x |  |  |  | x | x |
| **D** |  |  |  |  |  | x |  |  | x |  |  | x |  |  |  |  |  | x |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  | x |  |  |  |
| **B** | x |  | x |  |  |  |  |  |  |  | x |  |  |  |  |  |  |  | x |  |
| **C** |  | x |  |  | x |  | x |  | x | x |  |  | x |  |  | x |  |  |  |  |
| **D** |  |  |  | x |  | x |  | x |  |  |  | x |  |  | x |  |  | x |  | x |

**ĐÁP ÁN - MÃ ĐỀ 764**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **A** |  | x |  |  | x |  | x |  | x |  |  |  | x |  |  |  |  |  |  | x |
| **B** | x |  |  | x |  | x |  |  |  |  |  |  |  |  |  |  |  |  | x |  |
| **C** |  |  |  |  |  |  |  |  |  | x |  |  |  |  | x |  | x |  |  |  |
| **D** |  |  | x |  |  |  |  | x |  |  | x | x |  | x |  | x |  | x |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  | x |  | x | x |  |  |  | x |  |  |  |  | x |  |  |  |  |  |  |
| **B** |  |  |  |  |  |  | x |  |  |  |  |  | x |  |  |  |  | x |  | x |
| **C** | x |  | x |  |  |  |  |  |  |  | x |  |  |  | x |  |  |  |  |  |
| **D** |  |  |  |  |  | x |  | x |  | x |  | x |  |  |  | x | x |  | x |  |

**DANH SÁCH STT CÂU HỎI CÁC ĐỀ SẮP THEO STT CỦA MÃ ĐỀ 731**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **731** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **742** | **16** | **35** | **24** | **10** | **4** | **26** | **28** | **9** | **25** | **19** | **3** | **18** | **8** | **31** | **34** | **7** | **30** | **17** | **40** | **36** |
| **753** | **2** | **19** | **6** | **20** | **31** | **27** | **33** | **23** | **28** | **1** | **14** | **30** | **34** | **32** | **16** | **29** | **18** | **4** | **5** | **40** |
| **764** | **34** | **8** | **9** | **7** | **30** | **16** | **4** | **6** | **28** | **31** | **32** | **26** | **15** | **38** | **17** | **10** | **37** | **27** | **20** | **24** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **731** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **742** | **37** | **13** | **27** | **23** | **21** | **38** | **22** | **12** | **15** | **11** | **29** | **33** | **1** | **39** | **2** | **5** | **20** | **6** | **32** | **14** |
| **753** | **15** | **36** | **12** | **3** | **11** | **8** | **26** | **7** | **39** | **9** | **21** | **37** | **24** | **10** | **22** | **35** | **13** | **25** | **17** | **38** |
| **764** | **1** | **25** | **18** | **23** | **29** | **19** | **12** | **36** | **13** | **39** | **33** | **3** | **40** | **5** | **35** | **21** | **2** | **22** | **14** | **11** |